

**RECEIVED**  
**CENTRAL FAX CENTER**

APR 18 2005

**RAGGIO & DINNIN, P.C.**

MICHAEL T. RAGGIO

KURT L. VANVOORHIES, PH.D., P.E.  
(REGISTERED PATENT AGENT)

ATTORNEYS AND COUNSELORS  
 2701 CAMBRIDGE COURT  
 SUITE 500  
 AUBURN HILLS, MICHIGAN 48326  
 (248) 364-2100  
 TELEFACSIMILE (248) 364-2200  
 E-MAIL: DINNINDUNN@AOL.COM  
 WEBSITE: WWW.DINNINDUNN.COM

Michael R. Dinnin  
 LYMAN R. LYON  
 (1928-2000)  
 LLOYD M. FORSTER  
 (1919-1993)

SPECIALIZING IN  
 INTELLECTUAL PROPERTY LAW:  
 PATENT, TRADEMARK, COPYRIGHT,  
 AND TECHNOLOGY RELATED CAUSES

**FACSIMILE COVER SHEET**

To: **AFTER FINAL**  
Group 3662 / Examiner Isam A. ALSOMIRI

FAX #: **703-872-9306**From: **Kurt L. VanVoorhies**Date: **18 April 2005**Total number of pages (including cover sheet): **10**Application No. : **10/620,749**Confirmation No. **9001**

Applicant : Shan CONG et al.

Filed : 15 July 2003

TC/A.U. : 3662

Examiner : Isam A. ALSOMIRI

Title : ROAD CURVATURE ESTIMATION AND AUTOMOTIVE TARGET STATE  
ESTIMATION SYSTEMDocket No. : **S701-01293**Customer No. : **26659****Facsimile Contents:**

1. Transmittal – 1 page ;
2. PTO-2038 Credit Card Payment Form in the Amount of \$450 Two-Month Extension of Time Under 37 C.F.R. § 1.17(a)(2) 1 page ;
3. Amendment Under 37 C.F.R. § 1.116 – 7 pages;
4. Certificate of Mailing (on items 1 and 3).

**PRIVILEGED AND CONFIDENTIAL:** The information contained in this transmission is intended only for the use of the addressee(s) named above. If the reader of this message is not the named addressee, or the addressee's agent or employee responsible for delivering the message to the addressee(s), please note that any dissemination, distribution or copying of this communication is strictly prohibited. Anyone who receives this communication in error should notify us immediately by telephone (collect if necessary) at the number listed above and return the original message to us via U.S. Mail.

**BEST AVAILABLE COPY**

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	8	Attorney Docket Number	5701-01283
--	---	------------------------	------------

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Kurt L. VanVoorhees, Dinnin & Dunn, P.C. (Via FAX)
Signature	
Date	18 April 2005

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kurt L. VanVoorhees.
Signature	
Date	18 April 2005

This collection of information is required by 37 CFR 1.5. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**BEST AVAILABLE COPY**

Application No. 10/620,749

Amendment Dated 18 April 2005

Reply to Office Action dated 18 November 2005 &amp; Advisory Action dated 14 March 2005

Attorney Docket No. 5701-01293

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/620,749

Confirmation No. 9001

**RECEIVED  
CENTRAL FAX CENTER**

Applicant : Shan CONG et al.

Filed : 15 July 2003

TC/A.U. : 3662

Examiner : Isam A. ALSOMIRI

Title : ROAD CURVATURE ESTIMATION AND AUTOMOTIVE TARGET  
STATE ESTIMATION SYSTEM

Docket No. : 5701-01293

Customer No. : 26659

APR 18 2005

04/19/2005 BBONNER 00000014 10620749

AFTER FINAL AMENDMENT UNDER 37 C.F.R. §1.116

01 FEB 2005

450.00 OP

18 April 2005

**Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Dear Sir:

In response to the Office Action dated 18 November 2004 (Paper No./Mail Date 111104) and the Advisory Action dated 14 March 2005 (Paper No./Mail Date 030805), Applicant hereby requests entry of the following amendment that is presented for purposes of putting the application in allowable form.

Amendments to the Claims are reflected in the listing of claims which begins at page 2 of this paper.

Remarks/Arguments begin at page 7 of this paper.

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))**

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

- deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**FACSIMILE**

- transmitted by facsimile to the Patent and Trademark Office, Fax No. (703) 872-9306.



Kurt J. Van Voorhees  
Signature

Date: 18 April 2005

Kurt J. Van Voorhees  
(type or print name of person certifying)

-1-

**BEST AVAILABLE COPY**